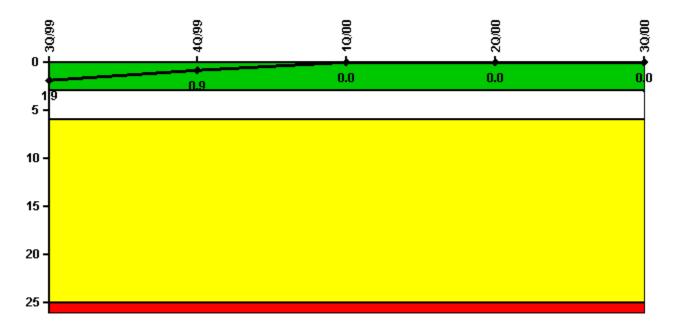
### **Prairie Island 1**

#### **3Q/2000 Performance Indicators**

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs

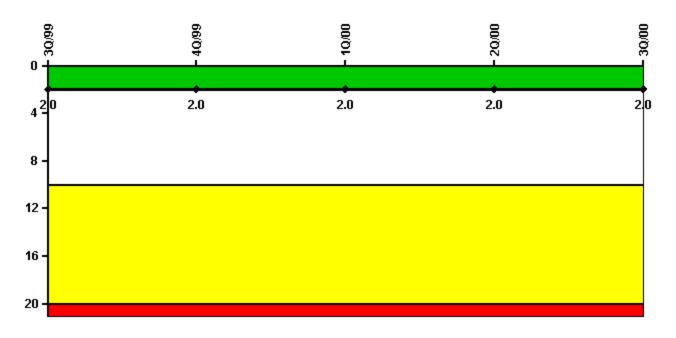


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

#### Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned scrams	0	0	0	0	0
Critical hours	2208.0	2209.0	2184.0	2183.0	2208.0
Indicator value	1.9	0.9	0	0	0

### Scrams with Loss of Normal Heat Removal

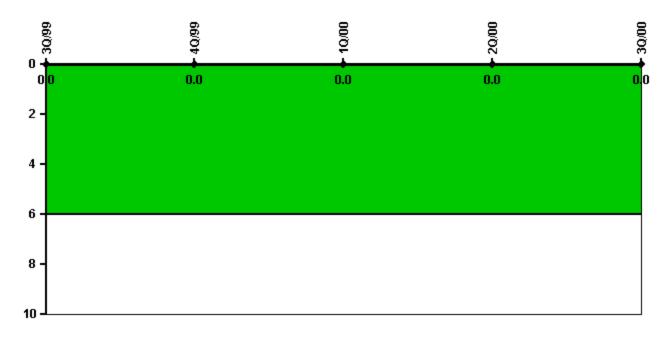


Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

Scrams with Loss of Normal Heat Removal	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Scrams	0	0	0	0	0
Indicator value	2.0	2.0	2.0	2.0	2.0

# Unplanned Power Changes per 7000 Critical Hrs

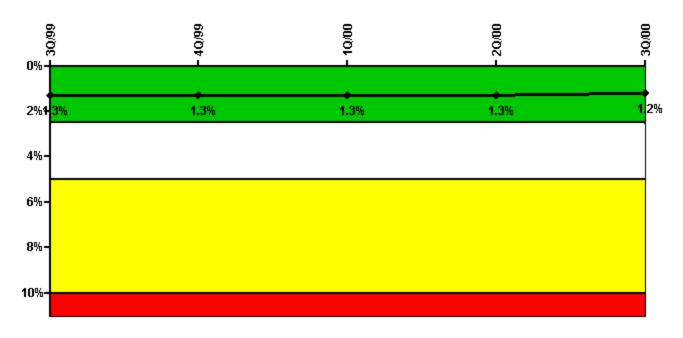


Thresholds: White > 6.0

### Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned power changes	0	0	0	0	0
Critical hours	2208.0	2209.0	2184.0	2183.0	2208.0
Indicator value	0	0	0	0	0

### Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

#### Notes

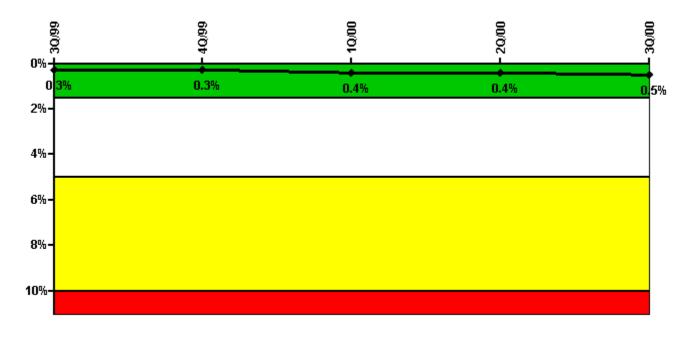
Safety System Unavailability, Emergency AC Power	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	13.45	10.38	18.52	10.30	11.04
Unplanned unavailable hours	0	0	0	11.37	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	11.05	10.17	15.85	10.49	14.10
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	1.3%	1.3%	1.3%	1.3%	1.2%

#### Licensee Comments:

1Q/00: Planned unavailable hours for 3Q96, 2Q97, 2Q98, 3Q99, and 1Q2000 were revised to reflect current guidance of NEI 99-02, rev. 0, which states that planned overhaul hours do not have to be included in the unavailable hours for this performance indicator. NEI 99-02 allows data, submitted prior to revision 0, may be revised and resubmitted to reflect current guidance if desired. During a review of data for removal of the overhaul hours, a 0.1 hour data error was identified for 3Q96 Train 2 planned unavailable hours. Planned hours reported were 90.75 and should have been 90.85. This was corrected with this change. The changes did not result in a threshold color change.

1Q/00: Planned unavailable hours for 3Q96, 2Q97, 2Q98, 3Q99, and 1Q2000 were revised to reflect current guidance of NEI 99-02, rev. 0, which states that planned overhaul hours do not have to be included in the unavailable hours for this performance indicator. NEI 99-02 allows data, submitted prior to revision 0, may be revised and resubmitted to reflect current guidance if desired. During a review of data for removal of the overhaul hours, a 0.1 hour data error was identified for 3Q96 Train 2 planned unavailable hours. Planned hours reported were 90.75 and should have been 90.85. This was corrected with this change. The changes did not result in a threshold color change.

# Safety System Unavailability, High Pressure Injection System (HPSI)

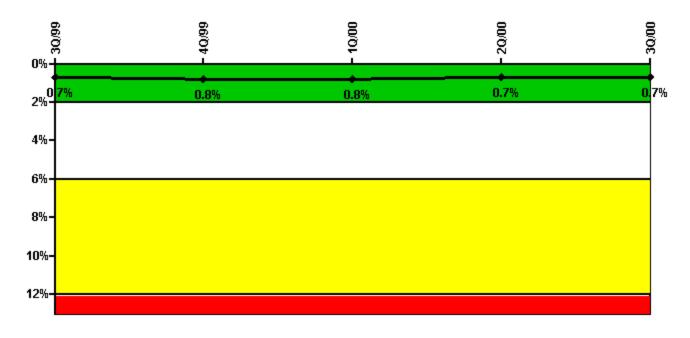


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

#### Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	3.15	2.16	18.72	0.87	12.53
Unplanned unavailable hours	0	0	0	17.05	20.93
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	2.72	2.03	0.99	1.21	19.23
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	0.3%	0.3%	0.4%	0.4%	0.5%

# Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

#### Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	7.10	8.28	15.46	6.36	8.56
Unplanned unavailable hours	0	17.94	0	11.37	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	4.86	5.84	6.24	7.65	5.79
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	0.7%	0.8%	0.8%	0.7%	0.7%

### Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

#### Notes

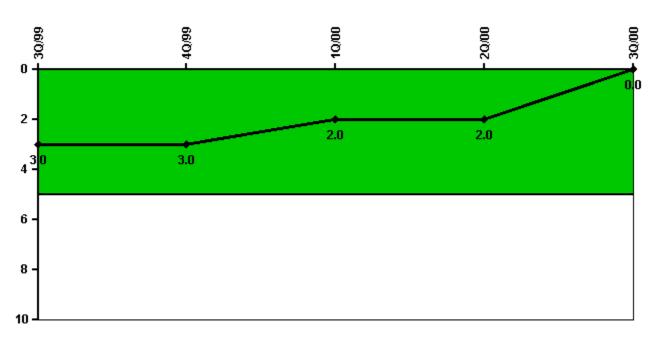
Safety System Unavailability, Residual Heat Removal System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	12.28	6.05	9.03	0.99	25.74
Unplanned unavailable hours	0	0	0	17.05	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	14.07	3.53	1.06	1.29	29.67
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	0.5%	0.5%	0.5%	0.5%	0.6%

#### Licensee Comments:

2Q/99: The RHR unavailability hours reported in 4Q97 (Train 1) and 2Q99 (Train 2) were revised. The pump was declared out of service while preventive maintenance was performed on it's power supply bus. Per guidance provided in FAQ 145, this out of service time is not counted as unavailability time since the refueling pool was flooded as allowed by technical specifications. This change did not result in a threshold color change. The indicator remains Green.

2Q/99: The RHR unavailability hours reported in 4Q97 (Train 1) and 2Q99 (Train 2) were revised. The pump was declared out of service while preventive maintenance was performed on it's power supply bus. Per guidance provided in FAQ 145, this out of service time is not counted as unavailability time since the refueling pool was flooded as allowed by technical specifications. This change did not result in a threshold color change. The indicator remains Green.

# Safety System Functional Failures (PWR)

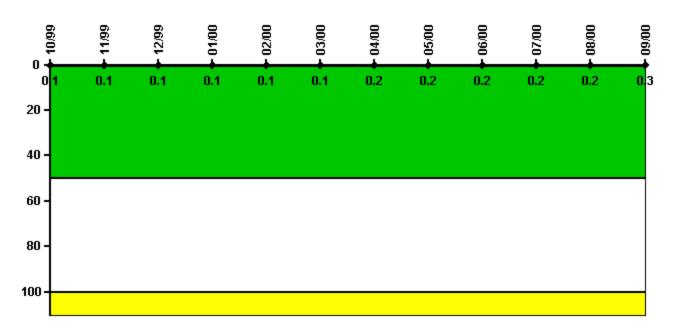


Thresholds: White > 5.0

### Notes

Safety System Functional Failures (PWR)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Safety System Functional Failures	2	0	0	0	0
Indicator value	3	3	2	2	0

# **Reactor Coolant System Activity**

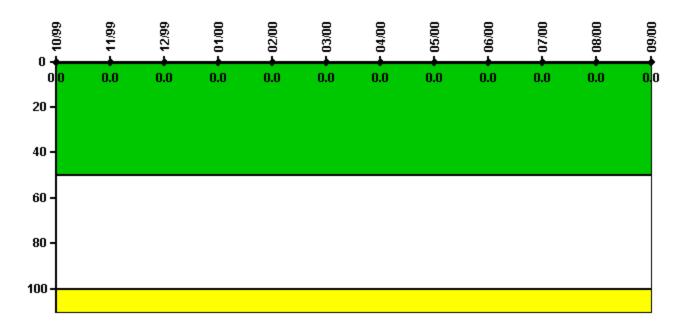


Thresholds: White > 50.0 Yellow > 100.0

### Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.000760	0.000830	0.001200	0.001200	0.001200	0.001400	0.001500	0.002300	0.001900	0.001900	0.001900	0.002700
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3

# Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

### Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0	0	0	0	0	0	0	0	0	0	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

### **Drill/Exercise Performance**



Thresholds: White < 90.0% Yellow < 70.0%

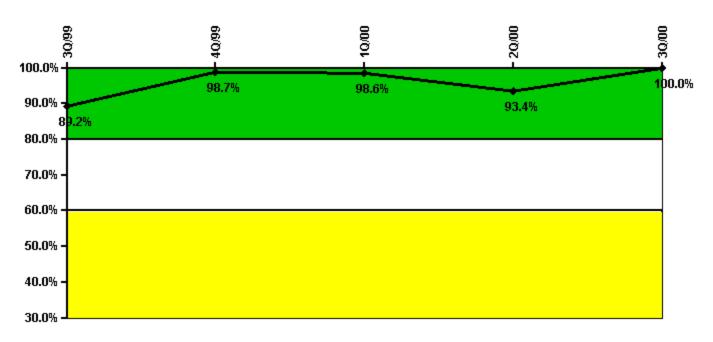
#### Notes

Drill/Exercise Performance	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful opportunities	29.0	65.0	12.0	2.0	45.0
Total opportunities	29.0	68.0	14.0	2.0	47.0
Indicator value	94.5%	96.2%	95.6%	95.1%	95.5%

#### Licensee Comments:

3Q/00: The 3Q2000 ERO Drill and Exercise Performance Indicator is being revised. Three opportunities and successess are being removed due to the fact that the September excercise was too similar to the previous drill. The exercise was re-performed in the 4Q2000. This change did not result in a threshold color change.

# **ERO Drill Participation**

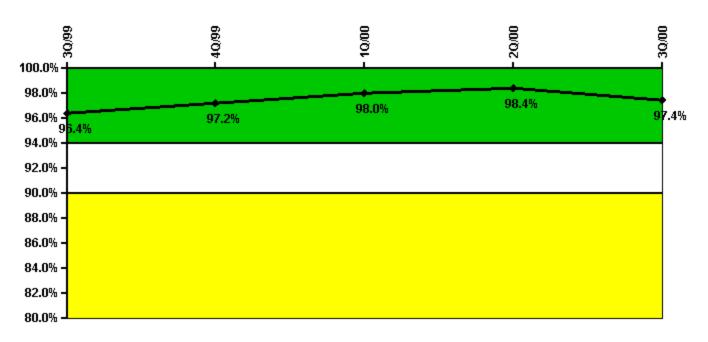


Thresholds: White < 80.0% Yellow < 60.0%

### Notes

ERO Drill Participation	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Participating Key personnel	74.0	76.0	73.0	71.0	69.0
Total Key personnel	83.0	77.0	74.0	76.0	69.0
Indicator value	89.2%	98.7%	98.6%	93.4%	100.0%

# **Alert & Notification System**

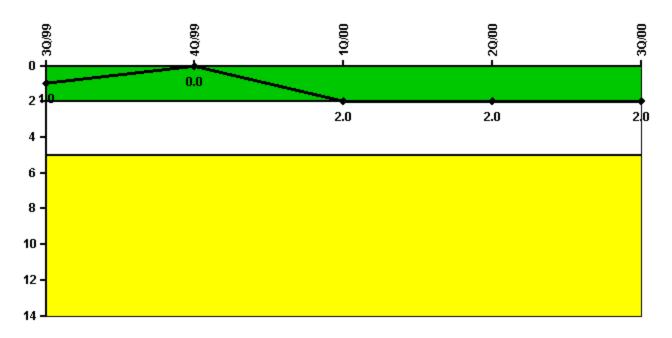


Thresholds: White < 94.0% Yellow < 90.0%

### Notes

Alert & Notification System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful siren-tests	302	312	308	306	290
Total sirens-tests	312	312	312	312	312
Indicator value	96.4%	97.2%	98.0%	98.4%	97.4%

# Occupational Exposure Control Effectiveness

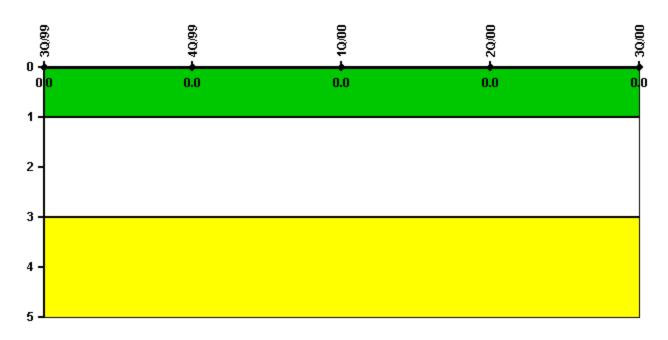


Thresholds: White > 2.0 Yellow > 5.0

### Notes

Occupational Exposure Control Effectiveness	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
High radiation area occurrences	0	0	2	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	1	0	2	2	2

# **RETS/ODCM Radiological Effluent**

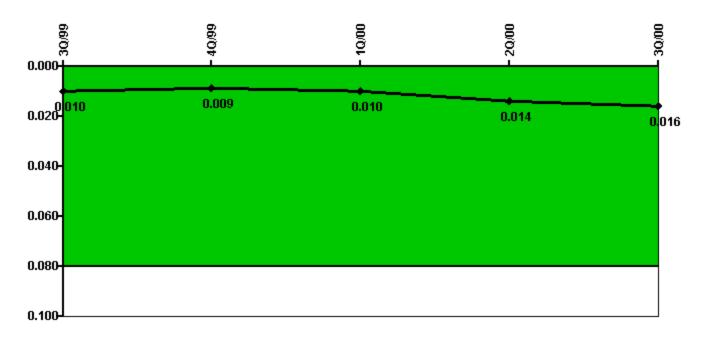


Thresholds: White > 1.0 Yellow > 3.0

#### Notes

RETS/ODCM Radiological Effluent	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

# **Protected Area Security Performance Index**

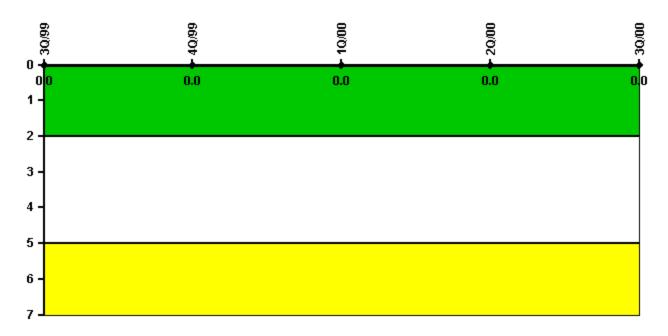


Thresholds: White > 0.080

### Notes

Protected Area Security Performance Index	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
IDS compensatory hours	70.50	7.10	37.03	155.08	112.69
CCTV compensatory hours	0	0	0	0	0
IDS normalization factor	1.10	1.10	1.10	1.10	1.10
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	0.010	0.009	0.010	0.014	0.016

# **Personnel Screening Program**

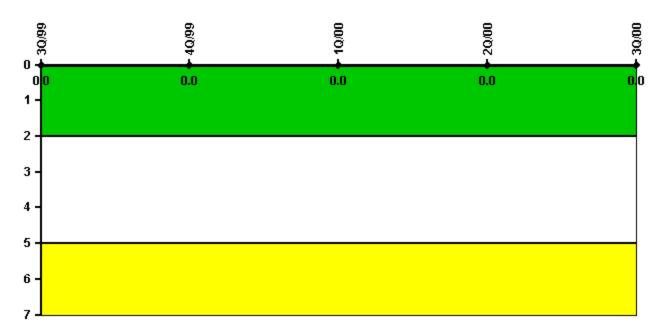


Thresholds: White > 2.0 Yellow > 5.0

### Notes

Personnel Screening Program	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Program failures	0	0	0	0	0
Indicator value	0	0	0	0	0

### FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

FFD/Personnel Reliability	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Program Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

A PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: March 29, 2002